Input Set : A:\Pto.amc

Output Set: C:\CRF3\05222001\I840746.raw

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2 <110> APPLICANT: Chen, Huei-Mei
      3
              Honchell, Cynthia D.
              Tang, Y. Tom
      4
      6 <120> TITLE OF INVENTION: Mucin-Related Tumor Marker
      8 <130> FILE REFERENCE: PC-0039 US
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/840,746
C--> 11 <141> CURRENT FILING DATE: 2001-04-23
     13 <160> NUMBER OF SEQ ID NOS: 20
     14 <170> SOFTWARE: PERL Program
     16 <210> SEQ ID NO: 1
     17 <211> LENGTH: 946
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     19 <213> ORGANISM: Homo sapiens
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Input Set : A:\Pto.amc

Output Set: C:\CRF3\05222001\I840746.raw

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58	Leu	Pro	Leu	Pro		Val	Ser	GIn	Ser		His	Leu	Phe	Ser	
59	+ 1		-	0	245		2.1	_		250	.	.	-	_	255
60	ile	Leu	Pro	Ser		Arg	Ата	Ser	vaı		Leu	Leu	ьуs	Ser	
61	_	_		_	260	_	_	_	_	265	_	•	_	-	270
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65	— 1	m)	-	_	290	^		•	m)	295	,		_	_	300
66	Thr	Thr	Leu	Pro		Ser	Ser	Ser	Thr		vaı	Leu	Pro	Arg	
67	_	61	m i		305	m)	a .	D1	01.	310	.	m).		m)	315
68	Arg	Glu	Thr	Pro		Thr	Ser	Pne	GIN		Ser	Thr	мет	Thr	
69	D1	N - 4-	m1	Mak	320	11.2 -	C	C	C1	325	71.	7	т	7	330
70	Pne	мет	Thr	Met		HIS	ser	ser	GIN		Ala	Asp	ьeu	гÀг	
71	C1-	0	ml	D	335	C1	C1	T	17-3	340	mb	C1	C	T	345
72	GTU	ser	Inr	Pro	350	GIU	Giu	гÀг	vaı	355	Inr	GIU	ser	ьуѕ	360
73 74	. Dwa	Com	T ou	17.7		Ton	Dro	Thr	C1.,		Πb∽	T	ת ז ה	Wal	
74 75	Pro	Ser	ьеи	val	365	ьеи	PIO	1111	GIU	370	1111	гу	ніа	val	375
75 76	Thr	Λen	Sor	Pro		Dro	Dro	Sor	Lou		Glu	Sar	Sar	Thr	
77	1111	ASII	Der	110	380	110	110	JCI	шси	385	Giu	561	DCI	1111	390
78	Gln	Thr	T.011	Pro		Thr	Ser	Thr	Asn		Δla	Gln	Mot	Ser	
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100	Va.	l Ası	n Pro	o Cys			a Ası	n Gly	γ Glι			L Ala	a Asp	o Asr	n Thr
101			=		560		_	_	_	56		-			570
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Input Set : A:\Pto.amc

Output Set: C:\CRF3\05222001\1840746.raw

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144	Luc	Aer	Lau	Len		Mat	Thr	Aen	Va 1		Tyr	Ser	Pro	Thr	
145	цуо	UOII	Ten	μ c u	890	1.10 C	1111	тэр	v ca ıı	895	- y -	JUL	110	1 1 1 I	900
146	1757	7 r~	Δοσ	Dro		Len	Glu	Δra	Den		Leu	ጥህን	Pro	Δls	
147	۷ат	nr y	D311	110	905	шeu	̱u	лгу	LIOII	910	ı⊂u	- y -	110	1770	915
147	ሞኬ∽	C1	Lov	Dro		Sar	Δνα	Hic	Ser		Ile	Dhe	Pro	Glu	
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149	m	7\ ~	Dran	0	920 Pho	T1 ~	C~~	7 ~~	C1		λ~~	7~~	71 ~~	7 ~~	
150	ıyr	ASII	Pro	ser.		тте	oet.	wsb	GIU	940	Arg	ALG	Ary	vsb	945
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152	Phe	CEA	TD *	JO - 1	2										
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Input Set : A:\Pto.amc

156 <211> LENGTH: 6952

Output Set: C:\CRF3\05222001\I840746.raw

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,746

DATE: 05/22/2001 TIME: 15:24:25

Input Set : A:\Pto.amc

Output Set: C:\CRF3\05222001\I840746.raw

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

DATE: 05/22/2001

PATENT APPLICATION: US/09/840,746

TIME: 15:24:26

Input Set : A:\Pto.amc

Output Set: C:\CRF3\05222001\I840746.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 L:579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 L:600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17